CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 6/27/2001

Serial Number: 09/876,473 ENTERED

Edited by: _____

Verified by: _____ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☑ Other: Corrected spelling of Artificial

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

v1/95

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/876,478

DATE: 06/27/2001
TIME: 15:32:32

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

<110> APPLICANT: Peyman, John A.
<120> TITLE OF INVENTION: Interferon-Suppressing Placental Lactogen Peptides
<130> FILE REFERENCE: 1101
W--> <140> CURRENT APPLICATION NUMBER: US/09/876,478
<141> CURRENT FILING DATE: 2001-06-07
<150> PRIOR APPLICATION NUMBER: 60/210,082
<151> PRIOR FILING DATE: 2000-06-07
<160> NUMBER OF SEQ ID NOS: 16
<170> SOFTWARE: MS-DOS
<210> SEQ ID NO: 1
<211> LENGTH: 789
<212> TYPE: DNA
<213> ORGANISM: HOMO SAPIENS
<220> FEATURE:
<223> LOCATION:
<223> OTHER INFORMATION: hPL(1-28) cDNA
<400> SEQUENCE: 1

Does Not Comply
Corrected Diskette Needed

p4

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gctcctggct tttgccctgc tctgcctgcc ctggcttcaa gaggctggtg  100
ccgtccaaac cgttccgtta tccaggcttt ttgaccacgc tatgctccaa  150
gcccatcgcg cgcaccagct ggccattgac acctactagg agtttgaaga  200
aacctatatc ccaaaggacc agaagtattc attcctgcat gactcccaga  250
cctccttctg cttctcagac tctattccga caccctccaa catggaggaa  300
acgcaacaga aatccaatct agagctgctc cgcatctccc tgctgctcat  350
cgaatcgtgg ctggagcccg tgcggttctt caggaatatg ttcgccaaca  400
acctggtgta tgacacctcg gacagcgatg actatcacct cctaaaggac  450
ctagaggaag gcatccaaac gctgatgggg aggctggaag acggcagccg  500
ccggactggg cagatcctca agcagaccta cagcaagttt gacacaaact  550
cgcacaacca tgacgcactg ctcaagaact acgggctgct ctactgcttc  600
aggaaggaca tggacaaggt cgagacattc ctgcgcatgg tgcagtgccg  650
ctctgtggag ggcagctgtg gcttctaggt gcccgcgtgg catcctgtga  700
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cccatcagcc ttgtcctaat aaaattaagt tgtatcatc              789
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<210> SEQ ID NO: 2
<211> LENGTH: 54
<212> TYPE: PRT
<213> ORGANISM: HOMO SAPIENS
<220> FEATURE:
<223> OTHER INFORMATION: hPL(1-28) signal sequence and secreted peptide, or N-terminal 54 residues
of hPL-3

<400> SEQUENCE: 2

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 1               5                  10                  15
Leu Cys Leu Pro Trp Leu Gln Glu Ala Gly Ala Val Gln Thr Val
            20                  25                  30
Pro Leu Ser Arg Leu Phe Asp His Ala Met Leu Gln Ala His Arg
        35                  40                  45
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/876,478

DATE: 06/27/2001
TIME: 15:32:32

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

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     98 Ala His Gln Leu Ala Ile Asp Thr Tyr
     99                  50
    103 <210> SEQ ID NO: 3
    105 <211> LENGTH: 54
    107 <212> TYPE: PRT
    109 <213> ORGANISM: HOMO SAPIENS
    111 <220> FEATURE:
    113 <223> OTHER INFORMATION: N-terminal 54 residues of hPL-4
    115 <400> SEQUENCE: 3
    117 Met Ala Pro Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Ala Leu
    118                  5                  10                  15
    120 Leu Cys Leu Pro Trp Leu Gln Glu Ala Gly Ala Val Gln Thr Val
    121                  20                  25                  30
    123 Pro Leu Ser Arg Leu Phe Asp His Ala Met Leu Gln Ala His Arg
    124                  35                  40                  45
    127 Ala His Gln Leu Ala Ile Asp Thr Tyr
    128                  50
    132 <210> SEQ ID NO: 4
    134 <211> LENGTH: 28
    136 <212> TYPE: PRT
    138 <213> ORGANISM: HOMO SAPIENS
    140 <220> FEATURE:
    142 <223> OTHER INFORMATION: hPL(1-28) peptide
    144 <400> SEQUENCE: 4
    146 Val Gln Thr Val Pro Leu Ser Arg Leu Phe Lys Glu Ala Met Leu
    147                  5                  10                  15
    149 Gln Ala His Arg Ala His Gln Leu Ala Ile Asp Thr Tyr
    150                  20                  25
    154 <210> SEQ ID NO: 5
    156 <211> LENGTH: 162
    158 <212> TYPE: DNA
    160 <213> ORGANISM: HOMO SAPIENS
    162 <220> FEATURE:
    164 <223> OTHER INFORMATION: cDNA construct coding for signal sequence and secreted
peptide of hPL(1-
    165       28)
    167 <400> SEQUENCE: 5
    169 atggctccag gctcccggac gtccctgctc ctggcttttg ccctgctctg   50
    171 cctgccctgg cttcaagagg ctggtgccgt ccaaaccgtt ccgttatcca   100
    173 ggcttttga ccacgctatg ctccaagccc atcgcgcgca ccagctggcc   150
    175 attgacacct ac                                          162
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    181 <211> LENGTH: 54
    183 <212> TYPE: PRT
    185 <213> ORGANISM: HOMO SAPIENS
    187 <220> FEATURE:
    189 <223> OTHER INFORMATION: N-terminal 54 residues of hPL-4
    191 <400> SEQUENCE: 6
    193 Met Ala Ala Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Ala Leu
    194                  5                  10                  15
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RAW SEQUENCE LISTING DATE: 06/27/2001
PATENT APPLICATION: US/09/876,478 TIME: 15:32:32

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

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196 Leu Cys Leu Pro Trp Leu Gln Glu Ala Gly Ala Val Gln Thr Val
197                 20                  25                  30
199 Pro Leu Ser Arg Leu Phe Lys Glu Ala Met Leu Gln Ala His Arg
200                 35                  40                  45
202 Ala His Gln Leu Ala Ile Asp Thr Tyr
203                 50
207 <210> SEQ ID NO: 7
209 <211> LENGTH: 28
211 <212> TYPE: PRT
213 <213> ORGANISM: HOMO SAPIENS
215 <220> FEATURE:
217 <223> OTHER INFORMATION: hPL-1(1-28) peptide
219 <400> SEQUENCE: 7
221 Val Gln Thr Val Pro Leu Ser Arg Leu Phe Lys Glu Ala Met Leu
222                  5                  10                  15
224 Gln Ala His Arg Ala His Gln Leu Ala Ile Asp Thr Tyr
225                 20                  25
229 <210> SEQ ID NO: 8
231 <211> LENGTH: 162
233 <212> TYPE: DNA
235 <213> ORGANISM: HOMO SAPIENS
237 <220> FEATURE:
239 <223> OTHER INFORMATION: cDNA construct coding for signal sequence and secreted
peptide of hPL-1(1-
240       28)
242 <400> SEQUENCE: 8
244 atggctgcag gctcccggac gtccctgctc ctggcttttg ccctgctctg   50
246 cctgccctgg cttcaagagg ctggtgccgt ccaaaccgtt cccttatcca   100
248 ggctttttaa agaggctatgc tccaagccc atcgcgcaca ccagctggcc   150
250 attgacacct ac                                           162
254 <210> SEQ ID NO: 9
256 <211> LENGTH: 87
258 <212> TYPE: DNA
260 <213> ORGANISM: HOMO SAPIENS
262 <220> FEATURE:
264 <223> OTHER INFORMATION: hPL(1-28) 87-mer oligo
266 <400> SEQUENCE: 9
268 atggctccag gctcccggac gtccctgctc ctggcttttg ccctgctctg   50
270 cctgccctgg cttcaagagg ctggtgccgt ccaaacc                 87
274 <210> SEQ ID NO: 10
276 <211> LENGTH: 85
278 <212> TYPE: DNA
280 <213> ORGANISM: HOMO SAPIENS
282 <220> FEATURE:
284 <223> OTHER INFORMATION: hPL(1-28) 85-mer oligo
286 <400> SEQUENCE: 10
288 gtaggtgtca atggccagct ggtgcgcgcg atgggcttgg agcatagcgt   50
290 ggtcaaaaag cctggataac ggaacggttt ggacg                  85
294 <210> SEQ ID NO: 11
296 <211> LENGTH: 85
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RAW SEQUENCE LISTING DATE: 06/27/2001
PATENT APPLICATION: US/09/876,478 TIME: 15:32:32

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

298 <212> TYPE: DNA
300 <213> ORGANISM: HOMO SAPIENS
302 <220> FEATURE:
304 <223> OTHER INFORMATION: hPL-1(1-28) 85-mer oligo
306 <400> SEQUENCE: 11
308 gtaggtgtca atggccagct ggtgtgcgcg atgggcttgg agcataggct 50
310 ctttaaaaag cctggataag ggaacggttt ggacg 85
314 <210> SEQ ID NO: 12
316 <211> LENGTH: 24
318 <212> TYPE: DNA ARTIFICIAL
C--> 320 <213> ORGANISM: ARTIFICAL SEQUENCE
322 <220> FEATURE:
324 <223> OTHER INFORMATION: pSH4-1
326 <400> SEQUENCE: 12
328 gatgttgcctt tacttctag gcct 24
332 <210> SEQ ID NO: 13
334 <211> LENGTH: 24
336 <212> TYPE: DNA
C--> 338 <213> ORGANISM: ARTIFICAL SEQUENCE
340 <220> FEATURE:
342 <223> OTHER INFORMATION: pSH4-2
344 <400> SEQUENCE: 13
346 aactcatcaa tgtatcttat catg 24
350 <210> SEQ ID NO: 14
352 <211> LENGTH: 54
354 <212> TYPE: PRT
356 <213> ORGANISM: HOMO SAPIENS
358 <220> FEATURE:
360 <223> OTHER INFORMATION: N-TERMINAL 54 RESIDUES OF HGH-1
362 <400> SEQUENCE: 14
364 Met Ala Thr Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Gly Leu
365 5 10 15
367 Leu Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile
368 20 25 30
370 Pro Leu Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg
371 35 40 45
373 Leu His Gln Leu Ala Phe Asp Thr Tyr
374 50
378 <210> SEQ ID NO: 15
380 <211> LENGTH: 56
382 <212> TYPE: PRT
384 <213> ORGANISM: HOMO SAPIENS
386 <220> FEATURE:
388 <223> OTHER INFORMATION: N-TERMINAL 56 RESIDUES OF HGH-V
390 <400> SEQUENCE: 15
392 Met Ala Ala Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Gly Leu
393 5 10 15
395 Leu Cys Leu Ser Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile
396 20 25 30

RAW SEQUENCE LISTING DATE: 06/27/2001
PATENT APPLICATION: US/09/876,478 TIME: 15:32:32

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

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398 Pro Leu Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala Arg Asp
399                  35                  40                  45
401 Leu Phe Asp Arg Ala Val Val Leu Ser His Tyr
402                  50                  55
406 <210> SEQ ID NO: 16
408 <211> LENGTH: 56
410 <212> TYPE: PRT
412 <213> ORGANISM: HOMO SAPIENS
414 <220> FEATURE:
416 <223> OTHER INFORMATION: N-TERMINAL 56 RESIDUES OF HPRL
418 <400> SEQUENCE: 16
420 Met Asn Ile Lys Gly Ser Pro Trp Lys Gly Ser Leu Leu Leu Leu
421                   5                  10                  15
423 Leu Val Ser Asn Leu Leu Leu Cys Gln Ser Val Ala Pro Leu Pro
424                  20                  25                  30
426 Ile Cys Pro Gly Gly Ala Ala Arg Cys Gln Val Thr Leu Arg Asp
427                  35                  40                  45
429 Leu Phe Asp Arg Ala Val Val Leu Ser His Tyr
430                  50                  55
```

VERIFICATION SUMMARY DATE: 06/27/2001
PATENT APPLICATION: US/09/876,478 TIME: 15:32:33

Input Set : A:\ES.txt
Output Set: N:\CRF3\06272001\I876478.raw

L:12 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.
L:320 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:338 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13